

(b) the places where research work is being undertaken on Language, Science and Technical subjects by linguists and computer experts?

THE MINISTER OF STATE IN THE DEPARTMENT OF EDUCATION IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (SHRI MUHI RAM SAIKIA) : (a) and (b). Information is being collected and shall be laid on the Table of the House.

Coal available with Central India Coal Mines

520 SHRI RAMASHRAY PRASAD SINGH Will the Minister of COAL be pleased to state :

(a) the various grades of coal available with the Central India Coal Mines of the Western Coal Fields Limited,

(b) the rates thereof,

(c) the grades of coal which are preferred by coal based power plants, and

(d) the availability position of these grades of coal?

THE MINISTER OF STATE OF THE MINISTRY OF COAL (SHRIMATI KANTI SINGH) : (a) and (b) As per information furnished by Coal India Limited, details of different categories of coal available in Western Coalfields Limited and their present selling price are as under :

Grade of coal	Present Selling price of ROM coal including levies & taxes (Rs /T)
Medium Coking	785 00
Non-Coking	
A	1016 00 (Steam)
B	940 00
C	855 00
D	644 00
E	486 00
F	405 00

(c) Power plants generally consume lower grades of coal suiting to the combustion technology of their boilers

(d) The projected availability of the 'D', 'E' & 'F' grades of coal for the year 1996-97 are as under :

Grade	Production Programme 1996-97 (M T)
D	13.69
E	4.54
F	1.15

Command Area Development Programme

521. SHRI K.P. SINGH DEO :
DR KRUPASINDHU BHOI :

Will the Minister of WATER RESOURCES be pleased to state :

(a) the features of the Centrally sponsored Command Area Development Programme,

(b) the details of irrigation projects taken up under the programme and the estimate of irrigation potential expected to be developed out of them and

(c) the progress achieved under these programmes during the last five years?

THE MINISTER OF WATER RESOURCES (SHRI JANESHWAR MISHRA) : (a) The Command Area Development Programme was initiated in 1974-75 as a Centrally Sponsored Scheme with the objective of ensuring efficient utilisation of created irrigation potential for optimum agricultural production from irrigated lands. The activities covered under the CAD Programme are

(1) On-farm development works

(a) Development of field channels and field drains within the command of each outlet

(b) Land levelling, on an outlet command basis

(c) Realignment of field boundaries wherever necessary (where possible consolidation of holdings should also be combined)

(d) Enforcement of a proper system of "Warabandi" and fair distribution of water to individual fields

(e) Supply of all inputs and services including credit, and

(f) Strengthening of extension services

(2) Selection and introduction of suitable cropping patterns

(3) Development of ground water to supplement surface irrigation

(4) Development and maintenance of the main and intermediate drainage system

(5) Modernisation, maintenance and efficient operation of the irrigation system upto the outlet of one cusec capacity

(b) At present, the programme includes 197 projects with Culturable Command Area (CCA) of

21.57 million hectare and Ultimate Irrigation Potential (UIP) of 21.08 million hectare spread over 22 States and 2 Union Territories. A statement indicating details of the projects covered under the programme and showing the Ultimate Irrigation Potential expected to be developed out of each project is given in the statement enclosed.

(c) The physical progress achieved during the last five years, 1990-91 to 1994-95 for the On-farm development activities under the Command Area

Development Programme are as follows :-

Activity	Achievement During 1990-91 to 1994-95
	(in Lakh Ha)
Construction of Field Channels	20.68
Land Levelling & Land Shaping	1.49
Warabandi (Rotational Water Supply)	28.15
Construction of Field Drains	2.90

STATEMENT

State	State/Projects	Name of River	Br of inclusion	C.U.A. 000 ha.	U.I.P. 000 ha
1	2	3	4	5	6
I. Andhra Pradesh	1. a-Nagarjunasagar Left Bank Canal	Krishna	1974-75	420.00	420.00
	2. Talliperu	Taliperu	1985-86	9.80	15.00
	3. Peddavagu	Peddavagu	1983-84	6.40	6.40
	1. b-Nagarjunasagar Right Bank Canal	Krishna	1974-75	475.00	475.00
	4. Gandhipalam	Pillaperu	1985-86	6.48	6.48
	5. Sriramsagar	Godavari	1974-75	411.00	411.00
	6. Satnala	Sathnala	1985-86	7.70	7.70
	7. Swarna	Swarna	1983-84	3.62	3.62
	8. Srisailem RBC	Krishna	1995-96	76.89	76.89
	Total			1446.89	1422.09
II. Arunachal Pradesh	9. Chowkham Minor Irrgn. project	Local Stream	1993-94	0.95	0.95
	Total			0.95	0.95
III. Assam	10. Jamuna	Jamuna	1974-75	25.40	28.50
	11. Kaliabor	Kaliabor	1983-84	9.70	13.76
	12. Sukla	Sukla	1983-84	17.20	23.64
	13. Kaldiya	Kaldiya	1992-93	9.83	16.50
	14. Dakadong	Dakadong	1992-93	4.94	6.05
	15. Birdi Karai	Birdi Karai	1992-93	16.99	25.53
	16. Kallong and Sonai River Basin		1995-96	21.45	21.45
	Total			105.51	135.43
IV Bihar	17. Gandak	Gandak	1974-75	960.00	1151.00
	18. Badua	Badua	1974-75	42.44	42.51
	19. Chandan	Chandan	1974-75	63.94	62.75
	20. Kiul	Kiul	1974-75	22.26	22.26
	21. Kosi	Kosi	1974-75	440.00	434.00
	22. Sone	Sone	1974-75	865.00	583.40
	23. North Koel	North Koel	1991-92	123.00	129.00
	Total			2516.64	2424.92

1	2	3	4	5	6	
V. G O A	24.	Salauli	Sanguem	1979-80	14.37	21.24
	25.	Anjunam	Gululeli Nala	1985-86	2.0	4.63
	Total				18.47	25.87
VI. Gujarat	26.	Mahi-Kadana	Mahi	1974-75	200.00	274.49
	27.	Panam	Panam	1983-84	41.12	49.37
	28.	Karad RBC	Goma	1985-86	6.19	4.54
	29.	Jojwa-Madhwana	Orsang	1985-86	8.80	8.80
	30.	Patadungri		1985-86	5.87	4.56
	31.	Heran	Heran	1985-86	3.41	3.41
	32.	Wankleshwar	Trib of Panam	1985-86	2.26	1.70
	33.	Umaria	Trib of Panam	1985-86	2.08	2.38
	34.	Deo	Deo	1985-86	7.20	10.16
	35.	Ukai Kakrapar	Tapi	1974-75	348.00	380.91
	36.	Daman Ganga	Daman Ganga	1983-84	44.38	56.23
	37.	Karjan	Karjan	1985-86	56.20	77.85
	38.	Shetrunji	Shetrunji	1974-75	29.70	34.80
	39.	Bhadar	Bhadar	1983-84	26.59	17.17
	40.	Machhu-I	Machhu	1983-84	10.41	7.70
	41.	Madhuvanti	Madhuvanti	1990-91	2.51	2.19
	42.	Sorthi	Sorthi	1990-91	3.06	2.40
	43.	Fulzar	Fulzar	1990-91	2.03	1.56
	44.	Vartu	Vartu	1990-91	3.07	N.A
	45.	Khediar	Shetrunji	1990-91	9.87	7.69
	46.	Dhatarwadi	Dhatarwadi	1990-91	3.11	2.48
	47.	Rojki	Rojki	1990-91	2.52	1.54
	48.	Phophal	Phophal	1990-91	4.67	4.06
	49.	Limdi Bhogawo	Limdi Bhogawo	1990-91	4.21	3.20
	50.	Dharoi	Sabarmati	1983-84	57.91	56.68
	51.	Dhantiwada	Banas	1983-84	54.60	44.52
	52.	Hathmati	Hathmati	1983-84	27.20	27.22
	53.	Meshwo	Meshwo	1983-84	17.20	17.21
	54.	Mathal	Dhadodh	1985-86	2.21	2.20
	55.	Mitti	Mitti	1985-86	2.36	2.02
	56.	Nara	Nara	1990-91	2.31	1.73
	57.	Suvi	Suvi	1990-91	3.19	0.98
	58.	Niruna	Bharud	1990-91	3.04	2.43
	59.	Kaila	Kaila	1990-91	3.24	0.88
	60.	Harnay	Harnay	1990-91	2.67	1.92
	61.	Pigut	Trib of Tokri	1993-94	1.41	1.41
	62.	Baldeva	Tokrikhadi	1993-94	2.24	2.24
Total				1006.84	1120.63	
VII. Haryana	63.	Gurgao Canal	Yamuna	1974-75	131.00	81.00
	64.	JLN Lift Irr	Water of Ravi, Beas through WYC	1974-75	250.00	155.00
	65.	Jui Lift Irr.	-do-	1974-75	30.00	19.00
	66.	Rewari Lift Irr	-do-	1974-75	32.37	20.00
	67.	Hansi Area	-do-	1990-91	12.14	2.43

1	2	3	4	5	6
	68. Dulehra Disty.	Yamuna	1990-91	27.21	1.10
	69. Bhiwani Area	Yamuna	1990-91	5.93	2.33
	70. Agra Canal	Yamuna	1992-93	20.84	35.40
	71. Western Yamuna	Yamuna	1993-94	117.00	91.26
	Canal	Total		626.49	407.52
VIII Himachal Pradesh	72. Giri	Giri	1983-84	5.76	8.05
	73. Balh	Satluj-Beas Link Canal	1985-86	2.41	3.04
	74. Bhabour Sabib Stage-I	Water from Nangal Dam Reservoir	1987-88	0.92	1.30
	75. Bhabour Sahib Stage-II	-do-	1995-96	2.64	2.64
	76. Cluster of 32 MI Projects in Bhattiyat Tehsil, Chambal District		1996-97	1.58	2.05
		Total		13.31	15.78
IX. Jammu and Kashmir	77. Ravi Canal	Ravi	1979-80	31.80	47.80
	78. Tawi Lift Irr.	Tawi	1974-75	12.88	17.98
	79. Ranjan	Chenab	1991-92	2.02	2.63
	80. Rajal	Naushara	1991-92	1.70	2.50
	81. Banimulla Manulzewoora		1983-84	2.11	3.10
	82. Lethapura		1983-84	2.00	3.20
	83. Marval		1983-84	6.48	11.28
	84. Nui Karewa Yusmarg	Munshi	1983-84	3.59	5.51
	85. Koil Lift Irr.		1991-92	2.02	2.50
	86. Ego-Phey Canal		1987-88	3.00	4.56
		Total		67.60	101.06
X Karnataka	87. Cauvery Basin	Cauvery	1974-75	434.75	434.47
	88. Ghataprabha	Ghataprabha	1974-75	317.43	317.43
	89. Malaprabha	Malaprabha	1974-75	214.98	214.98
	90. Tungabhadra	Tungabhadra	1974-75	529.00	349.10
	91. Upper Krishna	Krishna	1974-75	424.91	424.91
	92. Kanva	Kanva	1993-94	2.90	2.58
	93. Byramangala	Vrishabbabati	1993-94	2.45	2.23
	94. Morconahally		1993-94	7.20	5.94
	95. Manchanabota	Arkavathy	1993-94	4.23	3.84
	96. Taraka	Taraka	1993-94	8.90	7.04
	97. Votehole	Votehole	1993-94	8.24	7.49
	98. Gundal	Gundal	1993-94	4.45	4.05
	99. Bhadra Resvr	Bhadra	1996-97	105.57	105.57
	100. Tunga Anicut	Tunga	1996-97	8.70	8.70
	101. Gondi Anicut		1996-97	4.46	4.46
		Total		2077.89	1892.79

1	2	3	4	5	6	
XI. Kerala	102.	Chalakudi	Chalakudi	1974-75	19.70	19.70
	103.	Cheerakuzhi	Cheerakuzhi	1979-80	1.62	1.62
	104.	Gayathri	i. Chulliar ii. Meenkara	1979-80	5.47	5.47
	105.	Malampuzha	Malampuzha	1974-75	21.04	21.04
	106.	Manglam	Manglam	1979-80	3.44	3.64
	107.	Neyyar	Neyyar	1979-80	11.14	11.64
	108.	Peechi	Manali	1974-75	17.56	10.53
	109.	Pethundi	Meenchady, Puzha and Padipuzha	1979-80	5.47	5.47
	110.	Vazhani	Wadakkancherry	1979-80	3.56	5.18
	111.	Walayar	Walayar	1979-80	3.24	3.64
	112.	Chitturpuzha	Chitturpuzha	1992-93	15.70	31.40
	113.	Pamba	Kakkad	1992-93	21.14	49.45
	114.	Pariyar Valley	Pariyar	1992-93	32.80	85.60
	115.	Kuttiadi	Kuttiadi	1992-93	14.57	36.42
	Total				176.45	290.80
XII. Madhya Pradesh	116.	Tawa	Tawa	1974-75	247.00	333.00
	117.	Chambal	Chambal	1974-75	220.00	273.00
	118.	Aodha	Seep	1985-86	4.86	4.86
	119.	Parna	Parna	1974-75	55.00	60.70
	120.	Halaji	Halaji	1974-75	25.00	37.20
	121.	Kolar	Kolar	1985-86	45.00	60.86
	122.	Naren	Naren	1985-86	3.20	2.80
	123.	Kethan	Kethan	1985-86	3.20	2.50
	124.	Hasdeo	Hasdeo	1974-75	57.00	42.00
	125.	Kharung		1974-75	47.77	48.58
	126.	Maniyari		1974-75	55.06	50.20
	127.	Ghenga		1985-86	8.10	7.70
	128.	Mahanadi	Mahanadi	1983-84	389.00	340.00
	129.	Parry	Parry	1983-84	43.00	73.00
	130.	Tandula		1985-86	68.20	68.20
	131.	Jonk		1985-86	15.51	14.00
	132.	Palar	Ballarnala	1985-86	6.55	5.57
	133.	Kodar		1985-86	21.75	23.47
	134.	Upper Wainganga	Wainganga	1985-86	93.00	113.93
	135.	Bagh		1985-86	16.60	14.79
	136.	Harsi	Parwati	1985-86	68.42	53.16
	137.	Pampur Makroda		1985-86	7.53	8.06
	138.	Pani Avanti Bar (Bargi)	Narmada	1990-91	157.00	157.00
Total				1657.75	1794.58	

1	2	3	4	5	6	
XIII. Maharashtra	139.	Khadakwasla	Matha	1983-84	77.68	62.15
	140.	Krishna	Krishna	1974-75	74.00	111.72
	141.	Warna	Warna	1979-80	87.00	113.92
	142.	Jayakwadi Stage I and II	Godaveri	1974-75	227.20	227.21
	143.	Kukadi	Kukadi	1979-80	132.00	129.50
	144.	Mula	Godaveri	1979-80	97.90	85.66
	145.	Girna	Girna	1974-75	57.20	59.00
	146.	Upper Tapi	Tapi	1974-75	37.70	59.28
	147.	Upper Godaveri	Godaveri	1983-84	83.97	64.83
	148.	Panzan		1979-80	12.10	12.14
	149.	Penoh	Penoh	1979-80	62.02	94.47
	150.	Phima	Phima	1974-75	126.00	164.05
	151.	Purna	Purna	1974-75	61.50	57.30
	152.	Upper Penganga	Penganga	1974-75	104.00	104.00
	153.	Manjara	Manjara	1983-84	24.29	23.69
	154.	Surya	Surya	1983-84	14.70	27.20
Total				1279.26	1396.12	
XIV. Manipur	155.	Loktak Lift Irr.	Loktak Lake	1974-75	24.00	40.00
	156.	Sakmai Parraige	Sakmni	1983-84	5.00	8.50
	157.	Imphal Barrage	Imphal	1993-94	4.00	6.40
	158.	Thoubal Multipurpose		1995-96	4.00	4.00
Total				37.00	58.90	
VI. Meghalaya	159.	Lokrok Kyrdoh Kawarg Anojong Marakhapara Pebelapara	Small Streams	1987-88	0.90	0.90
Total				0.90	0.90	
XVI. Nagaland	160.	Alachila Minor Irr. Project	Small Streams	1993-94	1.50	1.00
Total				0.50	1.00	
XVII. Orissa	161.	Hirakud	Hirakud	1974-75	153.24	251.15
	162.	a- Mahanadi Delta (Old)		1974-75	179.41	300.10
		b- Mahanadi Delta (New)	Mahanadi		156.89	262.44
	163.	Salandi	Salandi	1974-75	41.96	60.14
	164.	Potteru		1985-86	70.10	70.10
	165.	Salki		1994-95	19.89	21.91
	166.	Pitamahal	Pitamahal	1994-95	2.63	3.87
	167.	Talsara		1994-95	3.03	4.86
	168.	Salia	Salia	1994-95	8.97	12.20
	169.	Raskulya	Raskulya	1994-95	61.23	67.23
	170.	Salandi Right	Salandi	1994-95	40.18	53.44
	Bank Canal		Total		737.53	1047.50

1	2	3	4	5	6
XVIII. Rajasthan	171. Chambal	Chambal	1974-75	229.00	219.00
	172. I.G.N.P. St. I	Water of Ravi	1974-75	540.00	540.00
	173. I.G.N.P. St. II	Beas and Satluj	1987-88	123.74	123.74
	174. Mahi Bajaj	Mahi Bajaj	1983-84	80.00	80.00
		Total		972.74	962.74
XIX. Tamilnadu	175. Gauvery System	Gauvery	1974-75	378.00	522.00
	176. Lower Bhawani	Bhawani, Moyar	1974-75	105.22	83.97
	177. Periyar Vagai	Periyar, Vagai	1974-75	63.00	85.32
	178. Sathanur	Ponnai	1983-84	16.81	16.81
	179. Parambikulam Aliyar	Parambikulam Aliyar	1983-84	101.48	101.25
	180. Cumbum Valley		1993-94	8.10	NA
	181. Amaravathy	Amaravathy	1993-94	20.60	NA
	182. Kodayar Chittar Pattanamkal	Kodayar and Chittar	1993-94	25.60	NA
		Total		718.81	809.35
XX. Tripura	183. Gumti	Gumti	1985-86	4.49	4.49
		Total		4.49	4.49
XXI. Uttar Pradesh	184. Gandak	Gandak	1974-75	411.00	308.00
	185. Sada Canal	Sarda	1974-75	2000.00	1923.00
	186. Ramganga	Ramganga	1974-75	1897.00	1372.00
	187. Upper Ganga Canal	Ganga	1990-91	457.00	438.00
	188. Madhaya Ganga Canal	Ganga	1990-91	229.00	176.00
	189. East Ganga Canal	Ganga	1990-91	233.00	105.00
	190. East Jamuna Canal	Jamuna	1990-91	221.00	200.00
	191. Jamrani Dam Canal	Gola	1990-91	150.00	105.00
	192. Betwa and Gursara Canal	Betwa and Gursara	1990-91	422.00	269.00
	193. Ken Canal System	Ken	1990-91	222.00	112.00
		Total		6242.00	5060.00
XXII. West Bengal	194. DVC System	Damodar Valley	1974-75	391.97	515.00
	195. Kangsabati	Kangsabati	1974-75	340.75	401.46
	196. Mayurakshi	Mayurakshi	1974-75	226.63	250.66
	197. Teesta Barrage	Teesta	1983-84	923.00	923.00
		Total		1882.35	2090.32
XXIII. Dadra and Nagar Haveli	* Damanganga	* Damanganga	1983-84	8.28	8.28
XXIV. Daman and Diu	* Damanganga	* Damanganga	1983-84	3.41	3.41
		Grand Total		21566.07	21075.24

* Damanganga Project falls under Gujarat. Daman and Diu and Dadra and Nagar Haveli, it is being counted once under Gujarat, though CCA falling under the respective State/Union Territories have been indicated against them.